



**Applied Materials Technologies Inc.**

A professional design and engineering firm

**EDWARD D. LUKASIK, P.E.**  
**Senior Consultant Electrical Engineering**  
[edward@makeitsafe.com](mailto:edward@makeitsafe.com)

Mr. Lukasik is a senior consultant specializing in electrical engineering at Applied Materials Technologies, Inc. and is a registered Professional Engineer with the State of Illinois. He is also President of CE Consulting, Inc., an electrical safety testing laboratory. Mr. Lukasik is a safety engineering consultant providing evaluation services related to electrical and casualty safety. He has extensive experience in conducting testing and construction evaluations to UL, CSA, IEC, EN, NFPA and many other standards. He specializes in industrial equipment such as machinery and control panels, electrical equipment for use in hazardous locations and HVAC equipment.

Mr. Lukasik also does forensic evaluations of fire scenes to determine if the fire origin was the result of previous equipment repairs, non-compliances of installations with local or national code regulations, appliances and utilization equipment malfunctions, etc.

Mr. Lukasik also worked for seven years as a Sr. Project Engineer at Underwriters Laboratories, Inc. At UL he was responsible for conducting electrical safety related testing on hazardous locations equipment. He has substantial testing exposure and knowledge of many product categories such as medical equipment, laboratory equipment, household products, computer equipment, service equipment, electric signs, etc.

Mr. Lukasik graduated in 1985 from the University of Illinois with a Bachelors of Science in Electrical Engineering.

**Areas of Specialization**

Electrical equipment for use in hazardous locations  
Safety related circuits of machinery  
National Electrical Code  
CE Marking of Electrical Equipment and Machinery  
Authorized Subcontractor for MET Laboratories Inc., an OSHA accredited Nationally  
Recognized Testing Laboratory

**Education**

BS Electrical Engineering – University of Illinois at Chicago, 1985

**Licensed Professional Engineer (P.E.)**

State of Illinois (1992) .....License No. 062.047606

**Mr. Edward Lukasik, P.E.**

**Professional Affiliations / Honors**

Member International Association of Electrical Inspectors – Member No 361781- since 1994  
Member National Fire Protection Association – Member No 2617717 - since 2008  
BSI-Global since 2005

**Continued Technical Education**

Health Care facilities – 11 hr. 2012  
Generators and NEC Requirements – 3 hr. 2011  
IAEI Code topics and NEC requirements – 17 hr 2011  
LED Lighting – 3 hr 2011  
AFCI and GFCI code requirements – 3 hr 2011  
Analysis of changes to NEC – 11 hr 2011  
Solar Voltaic systems – 3 hr 2011  
IAEI Code topics and NEC requirements – 16 hr 2010  
Emergency Lighting – 2 hr. 2010  
NEC code changes – 3 hr 2010  
IAEI Code topics and NEC requirements – 10 hr 2010  
LED Lighting – 3 hr 2009  
IAEI Code topics and NEC requirements – 16 hr 2009  
Electric signs and outline lighting – 3 hr. 2009  
IAEI Code topics and NEC requirements – 11 hr 2009  
Hazardous Locations – 3 hr. 2009  
Emergency Electrical Systems – 3 hr 2008  
Grounding Electrode systems – 3 hr. 2008  
IAEI Code topics and NEC requirements – 15 hr 2008  
Arc Flash / Arc Blast – 3 hr. 2008  
NEC Code changes – 3 hr 2008  
IAEI Code topics and NEC requirements – 34 hr 2007  
Aged wiring - 3 hr 2006  
IAEI Code topics and NEC requirements – 11 hr 2006  
Common code violations – 3 hr. 2006  
International Energy Conservation code – 3 hr. 2006  
Hazardous Locations – 10 hr 2006  
Fire Alarm Systems – 3 hr 2005  
UL Listing of Devices – 3 hr. 2005  
IAEI Code topics and NEC requirements – 24 hr 2005  
OSHA Construction Safety & Health – 10 hr. 2004  
IAEI Code topics and NEC requirements – 20 hr 2004  
IAEI Code topics and NEC requirements – 20 hr 2003  
IAEI Code topics and NEC requirements – 12 hr 2002  
IAEI Code topics and NEC requirements – 8 hr 2001



**Mr. Edward Lukasik, P.E.**

**Positions Held**

CE Consulting Inc. Homer Glen, IL  
President and Safety Engineering Consultant 1993-Present

TUV Rheinland of N.A. Glenview, IL  
Sr. Project Engineer 1992-1993

Underwriters Laboratories, Inc Northbrook, IL .  
Sr. Project Engineer - 1985-1992

